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# Appendix A

## **STATUS REPORT: CURRENT**

Program Direction	1996-2000 Goal	2000 Status
Increase emphasis on habitat protection.	Establish minimum stream flows for priority streams.	Applications submitted for 6 streams; flows granted for 1.
	Conduct habitat improvement projects.	Numerous major stream fencing and fish passage projects completed.
	Expand volunteer involvement.	Utilized in nearly all habitat projects.
Increase emphasis on protection	Enhance wild trout habitat protection.	See above.
and enhancement of wild trout.	Increase public awareness of wild trout values.	Built informational signs and fish identification boards, produced and distributed stickers and brochures; press and TV coverage.
	Reduce potential impacts of hatchery trout on wild trout.	Ongoing program to reduce stocking in waters where wild trout populations exist.
	Implement statewide wild trout management program.	Ongoing program to integrate native trout conservation plans with reduced harvest rules.
Increase emphasis on hatchery trout programs.	Designate, sign and publicize locations of put- and-take trout streams.	Signing completed to assist anglers wanting to fish on put-and-take streams.
	Concentrate stockings in high-use/high-return streams increase the number and frequency of fish stockings.	Done in a majority of sites.
Increase emphasis on protection and enhancement of salmon and steelhead.	Enhance hatchery fish health and smolt quality.	An ongoing program that includes extensive disease sampling, modified rearing strategies to reduce stress, structural modifications, and the completion of netting to reduce avian disease transmittal.
	Maintain a secure wild fish management program.	Have maintained wild management-only drainages.
	Emphasize management for natural production.	Supplementation research on-going; releasing at least 2/3 of natural chinook that arrive at hatchery weir so they spawn naturally.
	Provide continued fisheries for surplus hatchery fish.	Continued steelhead seasons. Chinook seasons at Little Salmon River, Clearwater River, and S.F. Salmon River.
	Intensify efforts to improve migration survival.	Commission adopted migration policy, Department working with Governor's office, participating in collaborative science process.
Intensify quality fishing opportunity.	Manage 5-10 additional streams or stream segments to provide quality trout fishing.	Eight added. Now have 29 quality trout streams. All segments are not counted.
	Manage 10-15 additional lakes or reservoirs to provide quality trout fishing.	Four added. Now have 36 quality or trophy trout waters.
	Manage 5-10 additional lakes or reservoirs to provide quality or trophy bass fishing.	Four added. Now have 22 quality or trophy bass waters.

### **MANAGEMENT PLAN**

Program Direction	1991-1995 Goal	1994 Status
Provide additional angling information.	Develop Anglers Guide brochures on lowland lakes and reservoirs.	Brochures developed for eight (12 total).
	Informative signs and brochures, and use of electronic media.	Brochures developed for three waters, (11 total). Continued this ongoing program into wild trout activities. Numerous informational signs, stream drainage maps and brochures completed or updated; angling reports provided through Department web site and 1-800-ASK-FISH.
	Provide locations of put-and-take stocking sites with signs and maps and informing media.	Standardized put-and-take signs posted at all put- and-take stream stocking sites, new angler guide with expanded maps produced.
Provide a diversity of angling opportunity.	Provide a mix of hatchery trout and wild trout management, and general and quality management.	See Earlier Discussions.
	Evaluate potential new species introductions and stock if appropriate.	New splake, kokanee, tiger muskie, channel catfish or smallmouth bass introductions in several waters.
Provide increased access, particularly for bank anglers.	Continue program of acquiring lease, easement or fee title to key areas to provide angler access.	Access provided, or ponds developed in many new areas.
	Expend approximately \$500,000 per year on maintenance or development of new fishing, handicap, docks and boating access facilities.	\$3,000,000 spent at over 100 sites.
Provide increased family fishing opportunity, especially near population centers.	Provide additional access and information on where to go.	See above.
population centers.	Identify sites and initiate development of new fishing waters.	Family fishing ponds improved or developed at Horseshoe Bend, Lowman, and Boise; three pond or reservoir sites being evaluated.
	Acquire or develop public easement to ponds to increase fishing opportunity.	Easements or acquisitions made on many ponds and streams.
Provide educational programs to encourage children to fish.	Develop a curriculum to teach fishing.	Text and curriculum previously completed and made available to schools.
	Conduct youth fishing clinics.	Department clinics conducted each year throughout the state with thousands of participants.
Simplify and standardize fishing rules.	Make fewer changes to fishing rules, to reduce confusion.	Rule changes made only for biological reasons, with a few social exceptions.
	Increase signage, information and other means of making rules more understandable.	Maps explaining rules updated for several river systems; numerous special signs developed, fish identification signs developed and placed near streams.

Appendix B. A list of Idaho fishes and their distribution by drainage

Fami	ily	Species			Drainage <sup>a</sup>							
Common Name	Scientific Name	Common Name	Scientific Name	Origin <sup>b</sup>	K	Р	S	Pa	Sb	Sa	В	I
rout	Salmonidae	Lake whitefish	Coregonus clupeaformis	1		Х						
		Bear Lake whitefish	Prosopium abyssicola	N							Х	
		Pygmy whitefish	Prosopium coulteri	N		Х						
		Bonneville cisco	Prosopium gemmifer	N							Х	
		Bonneville whitefish	Prosopium spilonotus	N							Х	
		Mountain whitefish	Prosopium williamsoni	N	Х	Х	Х		Х	Х	Х	Х
		Coho salmon	Oncorhynchus kisutch	1					Х	Х		
		Sockeye salmon	Oncorhynchus nerka	N					Х			
		Kokanee	Oncorhynchus nerka kennerlyi	N	Х	Χ <sup>I</sup>	XI		Х	X <sup>I</sup>		X <sup>l</sup>
		Chinook salmon	Oncorhynchus tshawytscha	N			XI		Х			
		Golden trout	Oncorhynchus aguabonita	1	Х		Х		Х	Х		Х
		Cutthroat trout	Oncorhynchus clarki									
		Westslope	Oncorhynchus clarki lewisi	N	Х	Х	Х		Х			
		Yellowstone	Oncorhynchus clarki bouvieri	N					Х	Х		Х
		Finespotted (Snake River)	Oncorhynchus clarki ssp.	N						Х		
		Bonneville	Oncorhynchus clarki utah	N							Х	
		Bear Lake	Oncorhynchus clarki ssp.	N						X <sup>I</sup>	Х	
		Lahontan	Oncorhynchus clarki henshawi	1					Х	Х		Х
		Rainbow trout	Oncorhynchus mykiss	N	Х	Χ <sup>I</sup>	Х	Х	Х	XI	X <sup>I</sup>	Х
		Redband trout	Oncorhynchus mykiss gairdneri	N	Х				Х			
		Steelhead trout	Oncorhynchus mykiss gairdneri	N					Х			
		Brown trout	Salmo trutta	1		Х	Х	Х	Х	Х	Х	
		Atlantic salmon	Salmo salar	1					Х			
		Blueback trout	Salvelinus alpinus oquassa	1					Х			
		Brook trout	Salvelinus fontinalis	1	Х	Х	Х	Х	Х	Х	Х	Х
		Bull trout	Salvelinus confluentus	N	Х	Х	Х		Х			Х
		Lake trout	Salvelinus namaycush	I		Х			Х	Х	Х	
		Splake	Salvelinus. namaycush x fontinalis	Ţ		Х	Х		Х	Х		
		Arctic grayling	Thymallus arcticus	I	Х		Х		Х	Х		Χ

Family Species Drainage<sup>a</sup>

Common Name	Scientific Name	Common Name	Scientific Name	Origin <sup>b</sup>	K	Р	S	Pa	Sb	Sa	В	I
Lamprey	Petromyzontidae	Pacific lamprey	Lampetra tridentata	N		Х			Х			
Sturgeon	Acipenseridae	White sturgeon	Acipenser transmontanus		Х				Х	Χ <sup>I</sup>		
Pike	Esocidae	Northern pike	Esox lucius	1		Х	Х					
		Tiger muskie	Esox lucius x E. masquinongy	1	Х	Х	Х		Х		Х	Х
Minnow	Cyprinidae	Chiselmouth	Acrocheilus alutaceus	N					Х			
		Goldfish	Carassius auratus	1					Х			Х
		Lake chub	Couesius plumbeus	N	Х							
		Common carp	Cyprinus carpio	1				Х	Х	Х	Х	
		Grass carp	Ctenopharyngodon idella	1		Х	Х	Х	Х	Х	Х	
		Utah chub	Gila atraria	N					Х	Х	Х	Х
		Tui chub	Gila bicolor	1					Х			
		Leatherside chub	Gila copei	N					Х	Х	Х	
		Peamouth	Mylocheilus caurinus	N	Х	Х	Х		Х			
		Spottail shiner	Notropis hudsonius	1					Х	Х	Х	
		Fathead minnow	Pimephales promelas	1					Х	Х		
		Northern pikeminnow	Ptychocheilus oregonensis	N	Х	Х	Х	Х	Х			
		Longnose dace	Rhinichthys cataractae	N	Х	Х	Х	Х	Х	Х	Х	Х
		Leopard dace	Rhinichthys falcatus	N					Х			
		Speckled dace	Rhinichthys osculus	N			Х	Х	Х	Х	Х	Х
		Redside shiner	Richardsonius balteatus	N	Х	Х	Х	Х	Х	Х	Х	Х
		Tench	Tinca tinca	1		Х	Х					
Sucker	Catostomidae	Utah sucker	Catostomus ardens	N						Х	Х	X
		Longnose sucker	Catostomus catostomus	N	Х	Х	Х					
		Bridgelip sucker	Catostomus columbianus	N			Х	Х	Х			
		Bluehead sucker	Catostomus discobolus	N						Х	Х	
		Largescale sucker	Catostomus macrocheilus	N	Х	Х	Х	Х	Х			
		Mountain sucker	Catostomus platyrhynchus	N					Х	Х	Х	Х

Appendix B. Continued.

Fam	ily	Specie	es		Drainage <sup>a</sup>							
Common Name	Scientific Name	Common Name	Scientific Name	Origin <sup>b</sup>	K	Р	S	Pa	Sb	Sa	В	I
Catfish	Ictaluridae	Black bullhead	Ameiurus melas	1			Х		Х	X X X X X X X X X X		
		Brown bullhead	Ameiurus nebulosus	I	Х	Х	Х	Х	Х	Х	Х	
		Yellow bullhead	Ameiurus natalis	ı					Х	Х		
		Blue catfish	Ictalurus furcatus	1					Х			
		Channel catfish	Ictalurus punctatus	L	Х	Х	Х		Х	Х	Х	
		Tadpole madtom	Noturus gyrinus	1					Х			
		Flathead catfish	Pylodictis olivaris	1					Х			
Trout-perch	Percopsidae	Sand roller	Percopsis transmontana	N					Х			
Cod	Gadidae	Burbot (ling)	Lota lota	N	Х							
Livebearer	Poeciliidae	Mosquitofish	Gambusia affinis	1					Х	Х	Х	
		Guppy	Poecilia reticulata	Ic							Х	Х
		Green swordtail	Xiphophorus helleri	I <sup>c</sup>					Х		Х	Х
		Platy	Xiphophorus spp.	I <sup>c</sup>							Х	Х
Sunfish	Centrarchidae	Green sunfish	Lepomis cyanellus	1			Х				Х	
		Pumpkinseed	Lepomis gibbosus	L	Х	Х	Х	Х	Х	Х		
		Warmouth	Lepomis gulosus	L					Х			
		Bluegill	Lepomis macrochirus	I	Х	Х	Х	Х	Х	Х	Х	
		Smallmouth bass	Micropterus dolomieu	L		Х	Х		Х	Х	Х	
		Largemouth bass	Micropterus salmoides	L	Х	Х	Х	Х	Х	Х	Х	
		Black crappie	Pomoxis nigromaculatus	I	Х	Х	Х	Х	Х	Х	Х	Х
		White crappie	Pomoxis annularis	I					Х			
Perch	Percidae	Yellow perch	Perca flavescens	1	Х	Х	Х		Х	Х	Х	Х
		Walleye	Stizostedion vitreum	I					Х	X	Х	
		Sauger	Stizostedion canadense	1							Х	

Appendix B. Continued.

. Fan	nily	Species				Drainage <sup>a</sup>						
Common Name	Scientific Name	Common Name	Scientific Name	Origin <sup>b</sup>	K	Р	S	Pa	Sb	Sa	В	I
Sculpin	Cottidae	Mottled sculpin	Cottus bairdi	N					Х	Х	Х	Х
		Paiute sculpin	Cottus beldingi	N					Х	Х	Х	
		Slimy sculpin	Cottus cognatus	N	Х	Х			Х			
		Shorthead sculpin	Cottus confuses	N			Х		Х			Х
		Bear Lake sculpin	Cottus extensus	N							Х	
		Shoshone sculpin	Cottus greenei	N					Х			
		Wood River sculpin	Cottus leiopomus	N					Х			
		Torrent sculpin	Cottus rhotheus	N	Х	Х	Х	Х	Х			
		Mozambique (Java) tilapia	Tilapia mossambica	Ic					Х			Х
Cichlid <sup>c</sup>	Cichlidae	Redbelly (Zill's) tilapia	Tilapia zilli	I°					Х			
		Convict cichlid	Cichlasoma nigrofasciatum	l <sup>c</sup>					Х			Х
Loach	Cobitidae	Oriental weatherfish	Misgurnus anguillicaudatus	ı					Х			
Shad	Clupeidae	American shad	Alosa sapidissima	I					Х			

a K=Kootenai River drainage, P=Pend Oreille River drainage, S=Spokane River drainage, Pa=Palouse River drainage, Sb=Snake River below Shoshone Falls, Sa=Snake River above Shoshone Falls, B=Bear River drainages, and I=Independent drainages.
 b N=Native and I=Introduced.
 c Confined to geothermal waters.
 X¹ Native in part of the state, but introduced into this drainages.

# 1999 ANGLER OPINION SURVEY

1.	Did you fish in Idaho in 1999? Yes No (If not, please continue and fill in the survey questions that are pertinent)
2.	How many days did you fish in Idaho in 1999?
3.	How many years have you fished in Idaho?
4.	How many children under age 14 are there living at your home? How many of them fish?
5.	Do you own a boat used for fishing in Idaho?
6.	If you fished In Idaho during 1999, please list the three waters most frequently fished:  Water: County:  Water: County:  County:
7. í	If you fished for trout, do you believe the present statewide limit of 6 trout is:  Too Many  No Opinion
8.	Would you like a portion of the 9-inch hatchery trout production converted into a few trout larger than 12 inches even knowing that one 12-inch trout will replace three 9-inch trout available for stocking in Idaho waters?  Yes No
9. í	How would you rate the quality of trout stocked by the Idaho Department of Fish and Game?  [ ] Scellent [ ] Scellent [ ] No Opinion
10.	Increased fishing pressure has reduced wild trout populations in some Idaho streams. To maintain fishable populations would you favor:    Restricting the number or size of wild trout that could be kept?   Replacing wild trout with hatchery trout?   Increasing the number of small fishing ponds?   No Opinion.
11.	Should the Idaho Department of Fish and Game spend  more  less, or the  same effort on management of wild species?
12.	Should the Idaho Department of Fish and Game provide limited entry fisheries (similar to controlled hunts) to provide a quality fishing experience and/or to protect the fish?  Yes  No
13.	Would you like to have additional streams or lakes managed to provide larger than average trout and increased number of fish caught, even knowing that methods of fishing, numbers and size of fish that could be kept would be restricted?  [] Î Yes [] ÎNO [] Î No Opinion
14.	If you had \$100 to spend on improving Idaho's fishing and protecting the resource, how would you spend it on the following programs?
	Hatchery trout production for lakes Hatchery trout production for streams  Protection and enhancement of wild trout Habitat protection  Warmwater fisheries Salmon and Steelhead Fisheries  Enforcement

	stream?	of the trout you cau	Ignt from your No		Stream, wou Opinion	iia you contin	ue to fish tr	iat
16.	If a stream or lake could had to release all the fig		unity to catch		ould you fis		n or lake, ev Opinion	en if you
17.	Would you like more lak length, even knowing th Yes No		e of fish that c				eater than 10	3 inches in
18.	If you fish for bass in Ida restricted?	aho, what is the sm	allest largemo	uth bass and	smallmouth	bass you wo	uld keep if r	not
	Largemouth  8 Inches  10 Inches  12 Inches  14 Inches		Smallmot 8 Inch 10 Incl 12 Incl	nes hes hes				
	If you fish for bass in Ida Largemouth 14 inches 16 Inches 18 inches 20 inches	tho, what would you	Smallmouth 14 inches 16 Inches 20 inches	<u>1</u> S S S	gemouth bas	ss and smallr	nouth bass'	?
	Do you feel the Idaho Do opportunities, such as Id							ng
21.	How would you like to re	eceive this informat	ion?	rnet new	spaper 🗌	brochure	TV/Radio	
22.	Please check in the box fished, (3) the method check all appropriate bo	of fishing (shore, I						
	Mou Species Lak Bluegill/perch/crappie Bass S Walleye/pike/muskie Steelhead [ Trout/salmon Catfish Sturgeon Whitefish Nongame fish	untain Lake/ es Reservoir		Shore/ Wade Bo	Float at Tube	Ice Lure Fish Spin		Other
23.	Please list the three fisl	n species you most	prefer to catc	h (1 = most pr	eferred):			
	1	2	3					
24.	Please check your pref	erred water to fish:	lake/rese	ervoir 🗌 rive	er/stream [	mountain	lakes	
25.	Please check your pref	erred type of fishing	g:	bait 🗌 lure	es/spin			
26.	Please check your pref 1999 Idaho Angler Op Page 10		hing: 🗌 boa	at shore/v	vade f	oat tube	ice fishing	

27. Please estimate the number of days spent describe your satisfaction while fishing the			9 and chec	k the boxes	that best
Fishery Type	Days Fis	hed Excellent	Good	Fair	Poor
High mountain lakes Lakes and reservoirs for anything that bites Lakes and reservoirs for trout Lakes and reservoirs for bass Lakes and reservoirs for sunfish/crappie Lakes and reservoirs for walleye Lakes and reservoirs for landlocked chinook so Rivers and streams for anything that bites Rivers and streams for bass Rivers and streams for trout Rivers and streams for whitefish Rivers and streams for steelhead Rivers and streams for sturgeon  28. What factors are important to you in select most important = 1 to least important = 5 Avoid other anglers Avoid other types of recreationists Boat launching/marina facilities Water quality Nearness to home or cabin (travel distance) Chance to catch a large or trophy fish Presence of favorite fish (species) Chance to catch a variety of fish  29. Do you have access to the Internet?	ting where you f	ish? Please list yo  Family activity  Nearness to camp  Natural beauty of  Chance to catch a  Accessibility  Chance to catch b  Chance to catch l  Other	oing facilitie the area a limit of fish wild fish	= - S _ - - 1 _ -	king

### TO LEARN MORE

For more information regarding fish Management, contact these Fish and Game offices:

Headquarters

Fisheries Bureau 600 S. Walnut St. Boise, ID 83703 334-3791

Panhandle Region

2750 Kathleen Avenue Coeur d'Alene, ID 83814 769-1414

**Clearwater Region** 

1540 Warner Avenue Lewiston, ID 83638 799-5010

**McCall Subregion** 

555 Deinhard Lane McCall, ID 83638 634-8137

**Southwest Region** 

3101 S. Powerline Rd. Nampa, ID 465-8465

**Magic Valley Region** 

888 East Main St. Jerome, ID 83338 324-4359

**Southeast Region** 

1345 Barton Rd. Pocatello, ID 83204 232-4703

**Upper Snake Region** 

1515 Lincoln Rd. Idaho Falls, ID 83401 525-7290

Salmon Region

P.O. Box 1336, Highway 93 Salmon, ID 83467 756-2271

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